

THE TECH

Boston, Massachusetts.

December 13, 1894.

Volume XIV.

Number 12.

PRIEST'S DINING ROOMS,

102 Dartmouth Street, Boston.

21 Meals (full ticket), \$4.00. 14 Meals, Breakfast and Dinner, \$3.00. 7 Meals, Breakfast, \$1.50. 7 Meals, Lunch, \$1.40. 7 Meals, Dinner, \$1.75.

Hours Meals.—Week Days: Breakfast 6 to 10; Lunch, 12 to 2.30; Dinner, 5 to 8. Sundays: Breakfast, 8 to 10.30; Dinner, 12.30 to 3.30; Lunch, 5.30 to 7.30.

C. M. PRIEST, Proprietor.

THE HOTEL HUNTINGTON,

COPLEY SQUARE AND HUNTINGTON AVENUE.



Offers large and pleasant outside rooms, from \$7.00 per week upward.

Dining rooms conducted on European plan.

An elegant Gentlemen's Café has recently been added

C. A. JONES & CO.,

STUDENTS' SUPPLIES.

Blank Books, Note Books, Drawing Papers, Pens, Inks of all kinds, Fountain Pens.

PERIODICALS AND MAGAZINES.

Writing Paper and Envelopes with TECH Monogram and Imprint Paper by the pound, at

SOUTHWELL'S,

Corner Dartmouth Street and Columbus Avenue, and 439 Boylston Street.

2d door from Berkeley Street.

OAK GROVE CREAMERY CO., DAIRY LUNCH ROOM,

445 BOYLSTON STREET, CORNER BERKELEY,

Where can be had Sandwiches of all kinds, Soups, Tea, Coffee, and regular Dairy Lunch.

Pure Fresh-churned Butter, in Quarter-pound Prints, Five and Ten Pound Boxes, Pure, Fresh Milk and Cream, delivered in Glass Jars. Fresh-laid Eggs. Pure, Full Cream Cheese, American (plain), Sage, Neufchatel and Edam. All kinds of Fruit Ices.

NELSON L. MARTIN.

T. E. Moseley & Co., FINE SHOES____

A large assortment of all styles for YOUNG MEN. Our Calf Balmorals at \$4.00, \$4.50, and \$5.00 are stylish and durable.

DISCOUNT TO TECHNOLOGY.

469 Washington Street.

ST. BOTOLPH HALL. NEW TECH. DORMITORY.

Favorably situated at the corner of St. Botolph and Harcourt Streets, near all the Departments of the Massachusetts Institute of Technology.

Furnished Suites To head

To let, including heat and baths.

Restaurant in Building.

For terms apply on the premises.

M. DWYER,

GODFREY MORSE,

Manager.

Proprietor.

Banjo, Mandolin and Guitar.



G. L. LANSING,

Teacher, and Director of Clubs, 58-A WINTER STREET, BOSTON.

BEST INSTRUMENTS CONSTANTLY IN STOCK. MUSIC, STRINGS, ETC.



J. C. LITTLEFIELD,

Tailor and Outfitter,

21, 23 BEACON ST., BOSTON.

Exclusive Styles for Young Men

DRESS SUITS A SPECIALTY.

DISCOUNT TO STUDENTS.

Drawing Boards, Papers,

Inks, Pens, Instruments, and Fountain Pens

At Discounted Rates.

A. D. MACLACHLAN,

Tech Co-operative Store,

214 Clarendon St., - - Boston, Mass.

BOOKBINDING

IN EVERY STYLE.

ALEX. MOORE, 3 School Street, BOSTON.

C. E. RICHARDSON,

AGENT FOR DARTMOUTH LAUNDRY,

Coolidge & Caswell, Prop'rs, 141 Dartmouth St., Boston.

Orders by mail receive prompt attention.

Goods called for and delivered without extra charge.

WALTER C. BROOKS & CO.,

TAILORS

---TO----

M. I. T. CO-OPERATIVE SOCIETY.

15 MILK STREET, BOSTON, MASS.

BIRTHPLACE OF FRANKLIN.

DAME. STODDARD & KENDALL, CYMNASIUM OUTFITTERS.

SUITS A SPECIALTY.

SHOES, TIGHTS, SHIRTS, STRAPS, ETC.

Special discount to Tech men on these goods.

NO. 374 WASHINGTON AND NO. 2 FRANKLIN STREETS.

STANDARD CLOTHING CO.,

MANUFACTURING RETAILERS OF

HIGH

From both Foreign and Domestic Fabrics.

ALSO ADVANCE STYLES IN TROUSERS, SUITS, NO OVERCOATS. Full Dress Suits Constantly on Hand.

395 WASHINGTON ST.,

BOSTON, MASS.

DR. E. L. JORDAN,

23 TREMONT STREET BOSTON. Opposite Boston Museum.

The only place in Boston where Teeth can be excavated for filling WITHOUT PAIN.

Gentlemen! I wish to call your attention to the est Cash Prices for Cast-off Clothing. Also Cleaning and Repairing done at short notice Send postal to

M. KEEZER, 105 Lamartine Street, Jamaica Plain, Boston. I can be found outside the Technology Buildings on Boylston St. daily

THE

48 BOYLSTON STREET.

(Near Tremont St.)

SPACIOUS. PRACTICAL. POPULAR.

Complete Modern Apparatus.

Marble and Concrete Bath Rooms, with Shower, Sponge, Needle, Douche, and other baths.

Dressing Rooms. Extra Large Lockers. POPULAR CLASSES.

Competent Instructors in attendance Day and Evening. No Extra Charge for instruction.

Terms: \$5 and \$8 per year, according to hours of Exercise.

BOSTON YOUNG MEN'S CHRISTIAN UNION.

WM. H. BALDWIN, Pres.

GEORGE PEIRCE, Sec'y.



C.W.HURLL, JR.

BOSTON.

EYES.

CHAS. W. KURLL, JR.

Practical Optician.

409 WASHINGTONST. SPECTACLES, EYE GLASSES, OPERA GLASSES THERMOMETERS.



Oculists' Prescriptions filled.

Ten per cent discount to M. I. T. Students. 409 WASHINGTON STREET, ONE FLIGHT.

Between Winter and Bromfield Sts.

VOICE TRAINING AND ELOCUTION.

\$1.00 PER LESSON TO M. I. T. STUDENTS.

Stammering and other defects of speech treated.

**FOBES' HANDBOOKS, "DECLAMATIONS" Parts I. and II., "RECITATIONS" and "READINGS" are 50 cts. each.

REFERENCES: Moses Merrill, Head Master Boston Public Latin School; Frank Vogel, Assist. Professor Modern Languages, M. I. T.

WALTER K. FOBES, Room 37, Pierce Building, Copley Sq., Boston.



A NOVELTY IN

The famous Star & Crescent Bath Robesare now made in all the

LEADING COLLEGE STRIPES

Quality superb. Made under our "Fast Pile Patent." Price, in fine cotton terry, \$7.00; in fine wool terry, \$10. Delivered free. Returnable if unsatisfactory. If not found at your dealers', send to us mentioning college and enclosing price. STAR & CRESCENT MILLS CO., Philadelphia, Pa.



DORSENIA.— This

wonderful drug is simply applied to the gum for the extraction of teeth. Absolutely without pain. You are conscious of all that is going on, but suffer no pain whatever. A blessing to those who are troubled with heart or lung disease. No pain. No danger No after effects. See page v.

POCKET BOOKS,

Purses, Bill Books, Card Cases, Engraving, Card Writing, etc.

C. E. RIDLER,

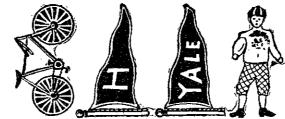
Boylston Street, corner Berkeley. Street cars stop at the door.

FOR SALE—A copy of the '94 Class Day Tech. Send 25 cts. L. S., Box 45, Cage.

FOR CHAPPED

Hands, Burns, and all Roughness of the Skin, use Ryder's Chapine; 15 cents per box by mail.
J. H. RYDER, 2038 Washington
Street, or see Whitten, '96.

College and Cycle Stick Pins.



Solid silver, sent by mail, 25 cents each. We are headquarters for Class Pins, Badges, and Emblem Pins. Send two-cent stamp for the largest picture catalogue issued by any retail jeweler.
WILSON BROS., 3-N Tremont Row, Boston, Mass.

...CALENDAR...

December 13th.—Meeting of the Geological Society, Room 14, Rogers, at 4.15 P. M. Meeting of the M. I. T. Yacht Club, 15 Blagden Street, at 4.15 P. M. Meeting of the Course IX. Club, Copley Square Hotel. "The Testing of Dynamo Electric Machinery," Professor Puffer, Room 22, Walker, at 7.45 P. M.

December 13th and 17th.—"Ancient Architecture," Professor Homer, Room 12, Architectural, at 7.30 P. M.

December 13th and 18th.—"Advanced English Composition,"
Professor Bates, Room 21, Rogers, at 7.45 P. M. "The
Metallurgy of Gold," Professor Hofman, Room 36, Rogers,
at 7.45 P. M. "The Testing of Engineering Materials,"
Professor Sondericker, Room 22, Rogers, at 7.30 P. M.

December 14th.—"The Rise and Development of Prose Fiction in France," Professor Van Daell, Room 22, Walker, at 7.45 P. M. Senior Dinner, Parker House, at 8 P. M.

December 14th and 17th.—"Historical Geology," Professor Niles, Room 11, Rogers, at 7.45 P. M. "Resistance and Propulsion of Ships," Professor Peabody, Room 22, Rogers,

December 14th and 18th.—"The Laws and Theories of Chemistry," Professor Noyes, Room 23, Walker, at 7.45 P. M. "General Chemistry," Professor Pope, Room 35, Walker, at 7.45 P. M. "Advanced Algebra and Theory of Equations," Professor Bailey, Room 21, Walker, at 7.45 P. M.

TECH STUDENTS

desiring a Church Home are invited to Shawmut Congregational Church. Rev. W. E. Barton, Pastor. Corner Tremont and Brookline Sts. Reading Room open every evening. Magazines, papers, books. COME.

Congregational Students please send name and address to Mr. Albert Beal, 15 Follen Street.

WANTED.—A complete file of "The Spectrum." Apply to R. N., Box 24, Cage.

WANTED.— Everybody to subscribe to THE TECH.

WILL the person who has No. 6, Vol. IV., of the Tech kindly communicate with R. N., Box 24, Cage.

FOR SALE.—Color Sergeant's Chevrons. Address H. L. S., Box 45, Cage.

···ST. BOTOLPH HALL

No. 38 ST. BOTOLPH STREET.

PRICES.	•							PR	CE	S.		•		
Regular Weekly Board	•		•	•	\$6.00	Single	Meals,	Breakfasts	·	•	•	•	•	\$.40
Regular Weekly Breakfast and	d D	inn	er	•	5.00	"	66	Luncheon	s	•	•	•		.25
Regular Weekly Breakfast		•	•	•	2.50	66		Dinners						
Regular Weekly Dinner .					3.00	Pati	rons are	assured th	at e	very	thing	g sei	rved	in this
Regular Weekly Luncheon							the fine	est of its ki	ind i	n th	e ma	arke	t.	

Many a Man has clothing hung in his closet "not fit to wear," that if cleansed and pressed would look nearly as well as new. Clothing kept clean wears 25 per cent longer, besides being neater in appearance. Gloss removed from diagonals. All our work is neatly pressed, ready to wear.

LEWANDO'S

FRENCH DYEING AND CLEANSING ESTABLISHMENT,

Established 1829. Largest in America.



PRINCIPAL OFFICES:

17 TEMPLE PLACE, - BOSTON. 365 FIFTH AVE., - NEW YORK.

BRANCH OFFICES:

BOSTON (BACK BAY) - - 284 Boylston Street. BOSTON (HIGHLANDS) - 2206 Washington Street. SOUTH BOSTON - - - - 393 Broadway. CAMBRIDGE - - - - 412 Harvard Street.

Our Laundry Work is the Best in Boston.

Bundles Called For and Delivered.

Our Office at 284 Boylston Street, is near the Institute.

CONTINENTAL CLOTHING HOUSE,

MEN'S, BOYS', AND CHILDREN'S CLOTHING,

GENTS' FURNISHINGS, HATS AND CAPS.

Fine custom work made from measure. Uniforms of every description. Special attention given to Technology and English High School Uniforms. Workmanship the best. Prices the lowest.

CONTINENTAL CLOTHING HOUSE,

Corner Washington and Boylston Streets, Boston, Mass.



WRIGHT & DITSON, FOOTBALL HEAD HARNESS.

OFFICIAL OUTFITTERS TO HARVARD, WILLIAMS, DARTMOUTH, BOWDOIN

and other New England leading Colleges.

We are the originators of the LACE FRONT FOOTBALL PANTS, which are by far the most serviceable for playing Football, and our entire line of Jerseys, SWEATERS, Jackets, etc., are beyond comparison. Our NEW ILLUSTRATED FOOTBALL CATALOGUE will be sent to any address. GOLF GOODS. We are headquarters for everything pertaining to Golf. Our book of Rules, with hints on the game, etc., is free.

Wholesale, 95 PEARL STREET.

WRIGHT & DITSON.

Retail, 344 WASHINGTON ST., BOSTON, MASS.

Send for our General Catalogue.

L. P. HOLLANDER & CO., FINE READY-MADE CLOTHING

Everything shown in our stock is exclusively of our own make, cut from patterns corrected to the latest fashions, and made from the best of materials. We respectfully solicit a comparison of prices and an examination of our styles, also

FURNISHING GOODS AND HATS.

202 to 212 Boylston Street.

Frank Wood, Printer.

352 Washington Street, Boston.

CHARLES G. ABBOT, S.B., M.I.T., '94.

Tutor in Mathematical, Physical and Chemical Subjects.

References: The Secretary, Prof. Cross, Prof. Drown, and others.

Address, 334 Broadway, Cambridgeport.

PAINLESS DENTISTRY BY THE USE OF DORSENIA.

DR. YOUNG, Surgeon-Dentist,

Special attention to Tech boys.

EXETER LUNCH ROOM.

QUICK SERVICE!

BEST SANDWICH IN BOSTON.

A. ALGAR, 35-A EXETER STREET.

NEW * MAIL

HANDSOMEST AND FINEST HIGH-GRADE MADE!
11 YEARS' REPUTATION.



MEN'S AND LADIES' pattern	\$115						
YOUTH'S NEW MAIL, a high grade Boys'	,						
Wheel	\$50						
Also TEMPLAR, best medium grade Man's							
Wheel	\$75						
ATALANTA, Ladies' Pattern	\$75						
Other makes, Boys' Wheels	\$15 up						
A few Shopworn and Secondhand Wheels taken in trade at very low prices, bargains, \$25, \$35, etc.							
Catalogue and Secondhand list mailed for two	o 2-cent						

• WILLIAM READ & SONS • 107 WASHINGTON STREET, BOSTON

COLLINS & FAIRBANKS - CELEBRATED - HATS! -



STYLES SPECIALLY ADAPTED TO YOUNG MEN

Mackintoshes, Umbrellas, Canes and Gloves. Sole Agents for Henry Heath's and A. J. White's London Hats.

NO. 381 WASHINGTON STREET, BOSTON.



Messenger & Jones,

HIGH-CLASS TAILORS

No. 388 Washington Street, Boston.

THE TECH

VOL. XIV.

BOSTON, DECEMBER 13, 1894.

No. 12.

THE TECH

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

ANDREW DANIEL FULLER, '95, Editor in Chief. CHARLES GILMAN HYDE, '96, Assistant Editor in Chief. JOHN HOWLAND GARDINER, '95. WILLIAM E. DAVIS, JR., '95.

EDWARD ARTHUR BALDWIN, '96. BENJAMIN HURD, Jr., '96. REGINALD NORRIS, '96.

SHELDON LEAVITT HOWARD, '97. WILLIAM THORNTON PARKER, '97. RALPH SPELMAN WHITING, '97

EDWARD ARTHUR BALDWIN, '96, Secretary.

H. P. CODDINGTON, '95, Business Manager.

Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

Entered in Post Office, Boston, Mass., as Second Class Matter.



MONG the interesting athletic meetings of the year must be noted the Indoor Class Championships of last Saturday. A large number of entries from all years, especially from '95 and '96, was conducive to close events, and, on the whole, it may be said that success was as-

The effects of good sured from the start. training asserted themselves to such a degree that four records were broken, three by men who have held them hitherto. games throughout were characterized by snap, and no tedious waiting was allowed by the officers of the meeting. One thing alone tended to detract from the entire success of

the occasion—the poor general attendance on the part of Technology men: double the number present would have been only a respectable showing.

GHE game against Brown at Providence completed a season of football at Technology which, although not entirely a success, introduced elements which are very satisfactory and well deserving of imitation in future years. It is certainly appropos to commend very heartily the spirit of co-operation in the majority of members of the 'Varsity squad, the untiring efforts of Captain Thomas, and the excellent business methods of the management. Never before has the financial standing of the Association been so strong, considering the falling off of subscriptions among the general mass of Technology men during the past two years. The establishment of the training table and the coach was indeed a long leap forward. With but few exceptions, every afternoon during the season found a full quota of men at solid training, and even at times under discouraging conditions.

Only two defeats with a score of over two touchdowns—by West Point and Brown—were suffered by the eleven, each away from Boston, while every home game was an exhibition of good football. As a general summary of the season's work and of the fourteen games played, four were tied, with Exeter twice, Chicago Athletic Association and Bowdoin; five were defeats by Amherst (a questionable score), West Point, Williams, Brown, B. A. A.; four were victories against Hyde Park, W. P. I., Trinity, and Brown, together with the game at College Hill, which was unfinished. In view of the several unfortunate circumstances attending a number of the earlier games, of which Technology men are well aware, the record which we have here shown is in no wise discreditable. It only remains for still further enthusiasm in the future to develop a standard which will be more nearly comparable with the work which Technology men have accomplished along other lines.

E take great pleasure in announcing the signal success of Technology's representatives, Messrs. Mann, Thorndike, Faville, in the competition which was opened by the Sketch Club of New York last September. The competitive design was entitled "An Opera House for a Rich Amateur in the South." Mr. Mann received the gold medal for the best design; Mr. Thorndike, 1st first mention; and Mr. Faville, 7th second. In that more than forty designs were submitted by students of other architectural schools, the awards show in a most conclusive manner the superiority of the Architectural Course of Technology over those of her rivals, and that the Course has been an excellent one for some time is manifested by the fact that Messrs. Pennell and Ripley, former students, also received mentions.

FTER considerable thought by the professors and students of the course, Course IX. has organized itself into a general society for the improvement of its members. It is proposed to have evening meetings in alternate weeks, at which discussions of topics of interest to the course will take place, with an occasional supper, and a visit to the college settlement as diversions. The governing body will consist of a representative from each of the three upper classes and a member of the Faculty. All Course IX. students of these three classes may become members by signing the constitution. The organization pegins with bright prospects, and as its need has been long apparent, its success seems assured.

HILE under ordinary circumstances it would be wholly out of place for THE would be wholly out of place for The TECH to attempt in any way to dictate in regard to the apparel to be worn in the domain of Technology, nevertheless the appearance during the past week of numerous Freshmen clad in drill suits plentifully adorned with brass buttons, and at best only suitable for the armory, warrants criticism. Were the mere question of dress only to be considered, The TECH would manifestly have nothing to say; but so far removed from the aims of Technology is the training of a military school, that anything which would tend to produce an impression of such a purpose must be decried. Moreover, it at once reduces the Freshman class to the level of the Boston High-school boy, whose highest ambition is to wear a blue military cap and trousers with gold braid to match.

DF late various unauthorized notices have been posted on the blackboards belonging to the different organizations at Technology. Not only have regular notices been intentionally altered, but even entirely erased, and replaced, sometimes by fictitious ones, and more often by notices of quite another society. The former of these acts is puerile and utterly beneath any student at the Institute, while the latter is entirely needless as each organization is supposed to own a board.

N evil spirit, or perhaps it may be said a lack of spirit, seems to have crept in among Ninety-six men. The enthusiasm of the first two years in every undertaking of the class has to no inconsiderable degree died out, and the work of the many has been placed in the hands of a few. The class meetings, always of importance, have been allowed to dwindle in attendance, so that scarcely a quorum can now be obtained; very little work has been done by men in the class, outside of the "Technique" Board, in the line of literary

work for the annual, a state of affairs which will surely have its effect in tending to destroy the standard which other Boards have attained. Moreover, the apathy, which large numbers of the class have exhibited toward the attempt to obtain for the "Technique," by repeated trials, a class picture which shall be in every way most satisfactory, merits severe censure. The matter is of importance, inasmuch as a poor photograph necessitates a valueless reproduction and a consequent detraction from the appearance of that portion of the annual. The interest which Ninety-five men evinced in the affair last year was commendable and certainly worthy of being imitated.

The Old, Old Story.

For days I flunked. At last I plugged,
And well my lesson knew.

Light-hearted, I went up to class—
That man gave us review!

The Stigma of Partisanship.

Oh, Tech. is in an awful state!
She's hopelessly divided:
At Springfield she for Harvard cheered,
At home with Yale she sided.

But worse by far the evils which At luncheon time prevail, I can't get cream on apple pie Because I'm not for Yale!

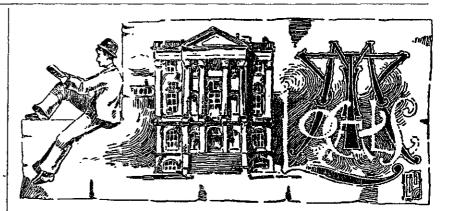
His Luck.

"Do call," she wrote. I left my Math. and went.
Another man was there; an hour we spent.
So does my fate abuse me;
And will you not excuse me
If I to complex epithets give vent?

s. L. H.

Remarkable.

"Tis passing strange," the preacher said,
In thoughtful tones one day,
"That while I hold my audience,
They're carried quite away."



M. I. T. Y. C. meeting this afternoon at 4.15.

The average weight of the 'Varsity team was 162 pounds.

W. T. Parker, '97, has resumed his studies after a brief illness.

L'Avenir contemplates holding a Bohemian supper some time this month.

Ninety-six held a class meeting in Room 11, Rogers, last Tuesday at 1 P. M.

The Glee Club had its photograph taken at Chickering's last Saturday noon.

Notes on Military Science, Lecture VIII., are ready at the Bursar's office.

The Senior Dinner will take place at the Parker House on December 14th.

Mr. Clifford's lectures in Photometry to the Senior Electricals began last Thursday.

The regular first term boiler tests of the fourth-year students begin on January 1st.

The Executive Committee of the Freshman Class held a meeting Tuesday, December 4th.

The Class of Ninety-seven held a meeting last Monday at IP. M. in Room II, Rogers.

The Tech Orchestra held a business meeting last Tuesday at 4.15 in Room 23, Walker.

A regular meeting of the Technology Photographic Society was held on Tuesday, December 11th.

Members of the Cadet Battalion, who have not yet obtained their uniforms, are requested to do so at once.

Mr. Laws is experimenting with a flying machine in the Physical Laboratory for a member of the Corporation.

The Architectural society has a large number of drawings on exhibition in the lower part of the Architectural building.

A pocket book, belonging to Mr. Harold Norwood Rust, has been found, and may be obtained by calling at The Tech office.

The mentions in third year Pen and Ink, Course IV., are as follows: Margaret Hardon, C. M. Gay, Jr., J. F. Gaylor, J. H. Willis.

The usual number of Freshmen flunked in the last intermediate exam. in Chemistry. There will be no semiannual in this subject.

Photographs of the 'Varsity, and the '97 football teams, as well as the Glee Club were taken at Chickering's last week Wednesday.

Gardner Abbot, '95, was last Monday elected by the Institute Committee as one of the leaders of cheering, vice A. D. Fuller resigned.

The Freeland-Loomis Company desires that all of the Freshman Battalion who have not as yet obtained their uniforms, do so at once.

A fencing club has been formed and more members are desired. All who are interested in the art are requested to address J. P. Diaz, '96, Cage.

THE TECH extends its sympathy to the corps of cripples that hobbles about the Institute, and hopes for the speedy recovery of its members.

The Field music of the Second Battalion consists of the following men: C. W. Pendell, W. E. Kimball, A. L. Swasey, A. H. Jacoby, W. S. Gamed.

Gen. Edmund Hayes of Buffalo, who was recently appointed on Governor Morton's staff, took a course in Mining Engineering at the Institute in 1873.

The first set of tracings of the Architectural History class are now hung in Room 41, A. The collection numbers about three hundred, and is an excellent one.

The Architectural drawing rooms were unusually full of merriment, last Saturday

morning, over the news of the result of the Beaux Arts Competition.

Captain Bigelow has issued a neat pamphlet containing all the commands in the School of the soldier, and copies have been given to the officers of the battalion.

Mr. A. G. Robbins has a new machine on exhibition in the Engineering building. It is used to calculate the wearing away of the various materials used in road constructions.

We are pleased to note the departure from the usual blackboard announcement by the Senior Class in the issue of engraved invitations to the class dinner on December 14.

The 4th year designs, now being shown in the lower floor of the Architectural Building, which have received mentions are those of F. A. Bourne, J. H. Parker, J. H. Wright, H. W. Chamberlin, W. D. Parker.

The management of the entertainment to be given on January 25th and 26th for the benefit of the Floating Hospital, desires to secure the co-operation of a considerable number of students for the chorus and dances.

All Seniors and men who have formerly been members of '95 should remember that the Class Dinner comes next Friday evening at the Parker House. All men should endeavor to be present at this last undergraduate dinner.

Students who intend to spend their Christmas Holidays, or January recess, in any town or city west of Albany reached by the Boston & Albany railroad, or its connections, will find it to their advantage to consult the business manager of The Tech in regard to obtaining special rates.

The mid-winter concert of the Glee Club has been deferred until after the Christmas recess, owing to the impossibility of obtaining Huntington Hall at the present time. Every effort has been made by the Club to obtain pleasing répertoires, and a successful event is assured.

A sketch problem for the third and fifth year architects was assigned last week. The subject is "The Study of the Ionic Order," and the scheme was suggested by the problem given by the Society of the Beaux Arts Architects of New York, last month, "A Small Theater for Cantatas."

The Treasurer of the Football Association requests that all outstanding subscriptions be paid immediately, in order to complete the accounts of the year for the annual report. Also, all men having books and tickets in their possession, should hand them at once to J. A. Rockwell, Jr., Box 72, Cage.

The annual reunion and supper of the Class of '79 will be held at the University Club, 207 Beacon Street, Boston, on Friday, December 28th. The Business Meeting will be called to order at half past six o'clock in the evening. The supper will be served promptly at seven o'clock. All members intending to be present are requested to send notices to Walter S. Allen, 24 West Street, Boston, or to the Secretary.

At a meeting of the charter members of the Yacht Club last Thursday afternoon, the following officers were elected to serve during the current year: Commodore, W. H. Clifford, Jr.; Vice Commodore, M. W. Allen; Rear Commodore, B. Metcalf; Secretary, C. G. Hyde; Treasurer, B. Hurd, Jr. It was proposed to limit the club to one hundred, and a number of men were proposed for membership. It is desired that all men owning cruising yachts suitable for entry, communicate with the Secretary.

A meeting of the Architectural Society was held December 5, in Room 12, Arch. Messrs. Rawson, Woodyatt, Nash, Gaylor, Paine, Hazelton, Chase, Claflin, and Wilcox were elected members of the Society. It was decided to hold another Bohemian Supper in the near future. A proposition was made by certain alumni, to unite with the Society in giving a supper in February, at which an

effort will be made to bring together as many of the older men as possible. What action the Society will take will be determined at the next meeting.

A new society has been organized at Technology; one having for its object the intellectual and social interests of students and instructors connected with Course IX. The Society listened to the first report of its Executive Committee Tuesday, December the 4th, at 3.30 P. M. in 44, Rogers. Evening meetings will be held twice a month, and a number of well-known gentlemen will speak before the Society during the year. Among these are Mr. Percival Lowell, who will lecture Thursday evening, December 13th, Mr. Sylvester Baxter, Professor Bates, General Walker and One of the best known, and most flourishing college settlements of the city, the Andover House, has opened its doors for one of the meetings of the year. thought the place of meeting (ordinarily) will be in the Society's rooms, at one of the Back Bay hotels, a central and pleasant location. There will be an informal debate on the question of the Restriction of Immigration at the second meeting of the Society, a current periodical review by the students, general discussion, etc. Later meetings will be on the plan of the first two. There has been a hearty endorsement and co-operation on the part of professors, instructors, and students for a free and stimulating life in the Society, which will be hampered by no formalities, and desires the loyal support and mutual wellbeing of all members. The place of chairman rotates among the members, and the executive committee represents the three upper classes and staff of instruction. The enrollment now approaches forty. Speakers from without will represent practical topics in newspapers, social, economic, and other subjects of interest. A dinner will occur later in the year. Dr. Ripley has taken a valuable and appreciated interest in the Society's proper organization.

The Indoor Athletic Meet.

THE annual indoor class championship games were held in the gymnasium, on Exeter Street, last Saturday, and were a decided success. The crowd present, though not large, was enthusiastic, and a good deal of class rivalry was displayed.

The Juniors carried the day with points to spare, scoring 42 out of a possible 80. Ninety-six was particularly fortunate in having A. H. Green, who established quite a reputation during his course at Harvard, and who won 23 points for the Juniors. He was defeated in but one event, the three standing jumps, and in this was a good second. His record of four firsts and a second is particularly remarkable, considering that he has not been in training for some time. Hurd and Rockwell also contributed a great deal toward the Juniors' victory, each winning a first and breaking a record.

For the Seniors, Boeseke did the best work, scoring eleven points for his class, and breaking the three standing jumps record by a foot and a half. Thomas did some very pretty hurdling and was a close second to Ben Hurd in the 35-yard hurdles.

There is little to be said about the Sophomores. They lapsed into their usual semi-dormant condition, and with the exception of three men, showed little interest in the meet.

It was very encouraging to see the way '98 took hold. Sargent was certainly a dark horse in the dash, and he won in a very pretty race indeed, breaking the record. The Freshmen were present in good numbers and showed interest in every event, cheering their men and the '96 men as well. When Sargent won the dash there was a great display of enthusiasm, and the winner was carried the length of the gymnasium by members of his class.

Four records were broken, showing good improvement by our athletes. In the dash Sargent lowered J. Dove's record by $\frac{1}{5}$ sec.,

and in the hurdles Ben Hurd bettered his own record by $\frac{3}{5}$ sec. The most noticeable improvement was in the potato race. In this event J. A. Rockwell not only improved his own record by $1\frac{4}{5}$ sec., but in one of the trial heats and in the final heat the men finished well together, bringing almost all of them within last year's record. Boeseke broke his own record of 31 feet 2 inches by a foot and a half.

The finals of both the dash and the hurdle race were extremely close and well run. In the former it was impossible for one not close to the finish to tell who had won, while in the latter the fight for second place was especially sharp.

THE TENENT OF THE PROPERTY OF

There was less interest in the shot putting, fence vaulting, and pole vaulting than in the other events, owing to the lack of competition. A. H. Green had things quite his own way, and won easily.

The three standing jumps was an exciting struggle between Boeseke and Green, the former finally winning by jumping on the flooring instead of upon the matting. The potato race was, as usual, the most exciting event of the meet. There were four trial heats, each of which was very close. Rockwell, Stevvins, Wise, and Powers were in the final, and finished in the order named.

35-YARI	DASH.			
	'95	'96	'97	'98
I A. Sargent,	o	O	O	5
2 R. W. Carr,	3	O	O	O
3 E. A. Boeseke,	I	O	О	o
Time, $4\frac{2}{5}$	seconds	•		
35-YARD HU	RDLE RA	CE.		
1 B. Hurd, Jr.,	o	5	O	О
2 J. W. Thomas,	3	o	O	o
3 E. O. Sumner,	О	О	1	o
Time, 4\frac{4}{5}	seconds	ı		
PUTTING 16	-LB. SHO	ъ.		
1 A. H. Green,	. 0	5	О	О
2 M. O. Leighton,	o	3	ø	o
3 A. C. Lootz,	0	I	0	0
Distance, 22 fe	et rok in	ches.		

RUNNING 1	нісн јим	Р.		
ı A. H. Green,	О	5	О	О
2 R. D. Farquhar,	3	0	o	O
3 W. A Hall,	r	o	О	o
Height, 5 fe	et 54 inch	es.		1
•	_			
POLE	VAULT.			
1 A. H. Green,	O	5	O	О
2 A. V. Shaw,	3	0	О	O
3 W. L. Butcher,	О	0	О	1
Height, 9 fe	eet 🖁 inch	es.		•
	VAULT.			
1 A. H. Green,	0	5	0	0
2 E. A. Boeseke,	3	0	О	О
3 A. Sargent,	О	О	0	1
Height, 6 fe	et 9½ inch	ies.		
THREE STAR	NDING JUI	MPS.		
ı E. A. Boeseke,	5	· 0	o	o
2 A. H. Green,	0	3	0	0
3 E. F. Russ,	0	0	0	I
Distance, 32	-	_	Ū	-
POTATO	O RACE.			
1 J. A. Rockwell, Jr.,	O	5	О	0
2 C. B. Stevvins,	O	0	3	О
3 S. F. Wise,	O	I	O	О
Time, 50	$\frac{1}{5}$ seconds	•		
Points added for records,	2	4	o	2
,		<u>.</u>		
Total,	2 4	42	4	10

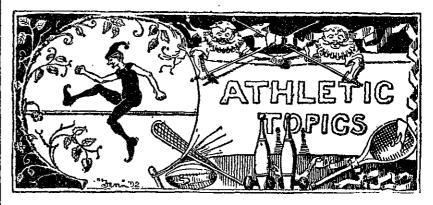
Referee, W. F. Garcelon, H. A. A. Timers, J. Graham, B. A. A.; M. L. Pratt, B. A. A.; H. A. Boos, M. I. T. Judges, L. W. Jenkins, B. A. A.; F. R. Peters, B. A. A.; G. P. Lawson, M. I. T. Starter, J. W. Bowler, C. B. G. Clerk of Course, J. P. Ilsley, Jr., M. I. T.

Shakespeare's idea of a college course:
Freshman, A Comedy of Errors; Sophomore,
Much Ado About Nothing; Junior, As You
Like It; Senior, All's Well That Ends Well.

—Ex.

Bring forth the crape and mourning garb; Let grief rule all men's looks; The dead-game sport, by fear inspired, Is buried in his books.

-Yale Record.



There were ninety-four entries and fifty individual contestants in last Saturday's games. This is the largest entry list to date.

At the B. A. A. members games of the fifth, R. D. Farquhar won second in the 15-yard dash (handicap), and third in the running high jump. F. W. Lord, the Track Athletic Captain of last year, won first in the handicap sprint from the 3-foot mark.

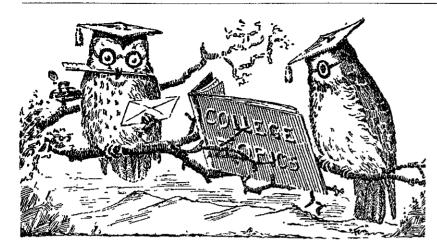
Manager Tillinghast called the 'Varsity team to order Wednesday of last week, at noon, to elect a football captain for the following year. Mr. J. H. Manahan, '96, who has played centre rush for three years, was elected by a large majority. After a few remarks by the captain-elect, a vote of thanks to retiring Captain Thomas, and a similar expression of gratitude to Manager Tillinghast, the meeting adjourned.

The executive committee of the Athletic Club held a meeting last Thursday, and made the final preparations for the class champion-ship meeting. A committee of three from the Institute Committee reported on the cheerers, after which Messrs. A. D. Fuller, T. M. Lothrop, J. W. Thomas and C. F. Tillinghast were elected from '95, and E. A. Baldwin, H. G. Fisk, B. Hurd, Jr., and C. G. Hyde were chosen from '96. The meeting adjourned.

Taunted.

- "We do not have that verb," I said.

 Quoth the Prof. with a ready wit:
- "I would you knew the ones we have As well as the ones we omit!"



Golf is being practised daily at the Princeton Inn golf links.

University of Pennsylvania holds handicap cross-country runs.

The course of the Yale Law School has been extended from two to three years.

Newell has refused to sign a contract to take charge of the Cornell team next year.

The class in modern Greek at Cornell is issuing a Greek newspaper for reading exercises.

Prizes amounting to \$1,890 are offered this year by the Faculty of Arts and Sciences at Harvard.

The Christmas trip of the Harvard musical clubs will extend as far west as Kansas City this year.

Yale has a committee on concerts that will furnish the college with high-grade concerts during the year.

It is probable that a three-cornered debate between Yale, Harvard and Princeton will occur this winter.

A new rule has gone into effect at Williams, requiring attendance at 90 per cent of the college exercises.

A plan is on foot at the University of Michigan to organize a press club similar to the club being organized at Harvard.

Princeton has recently received an endowment of \$6,000, the income of which is to be used for prizes for excellence in oratory.

Brown University held a memorial meeting in commemoration of the invaluable services

to the college of its ex-president, the late Dr. Robinson.

Mr. Woodruff, the young actor who is engaged to Miss Helen Gould, of New York, is at present finishing his education at Harvard. He is a Freshman.

The American College league will soon publish a monthly in New York city. It will be edited by a board selected from the leading colleges in the country.

The West Point eleven had only thirty minutes for practice each day, with the exception of Wednesdays and Saturdays when their games were scheduled.

At a meeting of the captains of the Oxford and Cambridge crews, it was decided that no American University could row with them until they were the undisputed champions.

In Smith College, one of the Christian Science girls recently announced that she could no longer attend the lectures on Hygiene, as the theories violated her religious belief. She will probably voluntarily leave college.

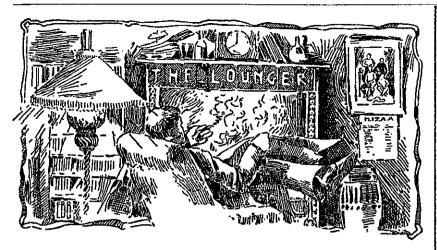
Brown University has sixty more students this year than at any other time in its history. With the increase in numbers there comes the urgent need of new laboratories, a new chapel and new dormitories. Brown has received only \$200,000 endowment in the last four years.

Yale is protesting against allowing its football men to train other college teams after graduation. They say that one team which they have met this year knew their signals, and in many ways they are handicapped by their opponents knowledge of their general tactics.

His Success.

His first year at college
Marked gains in his knowledge
Beyond mother's best hopes and wishes;
For up in the Lab.,
Though he made a poor stab,
He learned there, at least, to wash dishes.

J. т. в., '97.



THOUGH the Lounger's days of competing for the "Technique" prizes are long past, he still views their announcement with keen interest and attention, and a careful perusal of the list reveals much that is suitable for mental pabulum. It certainly is entertaining to observe the relative value which the all-wise "Technique" board places on the various aspects of genius inherent in us all, although discouraging to remark the scant attention bestowed on the divine arts of Erato and Euterpe. The grind fiend fares better, and liberal pecuniary reward awaits his efforts. But it is the ingenious man who, by specious arguments and honeyed words, beguiles the simple tradesman into taking an ad., who is valued above all others. He it is who is the saint of saints, adored of adored. this basis the Lounger has been able to draw up the following instructive little table, which comprehensively shows the relative value of our god-given qualities, and which he submits for a candid perusal:-

Collection of ads. $= 2\frac{1}{2} \times$ collection of grinds. Collection of grinds $= 2 \times$ Best Poem. Best poem = best piece of music = \$5.

Advances in the inventor's art have ever been regarded by the Lounger with lively interest. It is now a certain weird combination of gears and levers, wheels and paddles contained in the confines of the electrical laboratory that claims his attention. Many surmises, some wild, and some brushing perilously near the truth, have stirred the calm and scientific air of these hallowed apartments; but strict and awful secrecy has surrounded all with a veil of mystery which none, save only the perpetrator and his minions may penetrate.

Dame Rumor has, however, been somewhat persistent in her vagarious musings, and has urged that Mynheer, the electrical expert, has been devising nothing less than a new and inevitably successful flying machine. This is mere hazard, but the Lounger has learned from more authoritative sources that it

contains more than a moiety of truth. Close barred doors, darkened windows, and whispered consultations betokened recently that a decisive trial was to be made. All was ready. The Keely motor had begun to give signs of activity. The inventor and a few choice spirits were on hand to witness the consummation of months of unremitting toil. All stood with bated breath as the hero stepped forward to set into action the hidden forces which were to cause the fabric to sail gracefully upward on the pulsing air — pulsing air is, the Lounger believes, the correct expression—but, alas! their breaths are still bated, for not an inch did the instrument move.

The crushed inventor's mind is still more buoyant than his machine, however, and the Lounger hopes that time will see the efforts of this disciple of Darius Green crowned with more success than rewarded the exertions of his illustrious predecessor.

.

More successful has been the launching of a new organization upon the seas of Technology. Lounger feels that he has been particularly happy in his metaphor, for he refers to the recently formed Yacht Club. It is with no great surprise that he views the formation of such a club after the prevalence of such nautical expressions as "three sheets in the wind" and "half seas over," which have been suspiciously popular of late. It has been a sad fact that many useful and ornamental organizations of Technology have had but a fleeting existence after the first excitement of their founding has waned. Even the Lounger's particular protegé, the Deutscher Verein, seems to have fallen into a decidedly sleepy condition of late, from which the production of its plays will, the Lounger hopes, awaken it. But the Lounger trusts that no harsh fate of premature decay will overtake this latest addition. Certainly the many brimming bumpers that have been drunk to its success ought to have some effect.

The sight of the M. I. T. C. Y. C. burgee, and the unalloyed satisfaction of a pseudo-legitimate excuse for the yachting cap habit, should surely prove particular attractions to our dry-land yachtsmen; and what with the undoubted popularity of the project the new Corinthian should have a gilded career. Taking it altogether, the Lounger has worked himself into quite a nautical mood; and with a wise caution against falling into the lee scuppers, or running close hauled with the main sheet off free, he consents to drop anchor and leave the rest to the lazy-jacks.



Man wants but little while at college,
Nor is he hard to please;
He only begs a little knowledge,
And will take that by degrees.

-Reflector.

OMNIA TEMPUS MUTAT.

Since the days of our fathers a change has occurred In the ways of the belles and their beaux; They used to kiss "under the mistletoe," But now they kiss "under the rose."

-Lampoon.

LOVE.

Love is but a ray of light
That falls upon the soul;
A vision veiled within the night;
We see a part, but feel the whole.

JOY.

Joy is a bird with dazzling wings,
With plumage bright and gay;
Caged in the heart it trills and sings
A merry roundelay.

-Red and Blue.

CIRCE.

Upon a marble balustrade,
Beside a clustering vine,
With hair unbound, and clasping hands,
Sings Circe to the swine,—

The fairy swine, no barnyard beasts, But men in durance vile; Odysseus' sailors rue the day They touched at Circe's isle.

But when the goddess sits and sings,
Forgiven is the wrong;
Forgetting leader, home, and friends,
They listen to her song.

The picture hangs above your chair;
Some likeness teases me,
And once in hasty mood I said,
"You're just as fair as she."

Pardon the thought. Enchantress, too, But O, how much more fine! To make men brutes was Circe's art, But you make men divine.

-Cornell Era.

He sent her candy, flowers, fruit;
'Twas plain he was much smitten.
Her father gave to him the boot,
She furnished him the mitten.

- Yale Record.

PHANTASY.

Her beaming eyes of deepest blue Enthralled all who to Yale were true; Her crimson lips, too, conquests made; Fair Harvard's sons their homage paid, And many a gallant came to woo Petite Elaine.

I begged a kiss a while ago.
The crimson lips, 'tis true, said "No;"
But in her eyes turned up to me
I read the answer differently;
The crimson never had a show,
Yale won again.

-Yale Record.

She had asked me Would I help her With her Latin, 'Twas so hard! Would I help her Conjugate that Mean, irregular Old word, Disco? She Just Kept forgetting The subjunctive All the while! Pretty lips so Near, so tempting, Tended strongly To beguile; Thought I'd teach her By example. Didicissem? I should smile!

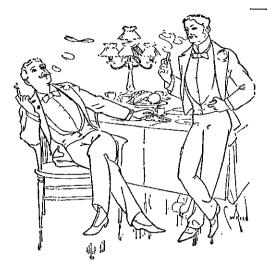
-The University Herald.

THE ISLE OF THE SIRENS.

The waves that ripple on the peaceful shore
Laugh in the gay delight of wanton hate;
With watchful malice, patiently they wait
To catch the distant sound of splashing oar,
And then the laugh becomes an angry roar,
The Sirens' heavenly song, the call of fate.
The waters gape, revealing hell's dark gate,
That opens, closes, opens nevermore.
But ah! the rapture of that wondrous song
Is sweeter far than all the joy of light,
Is bliss more deep than all the pain of death.
Who hath not heard it, live he ne'er so long,
His life is short; his death is calm and bright
Who sinks to sleep lulled by the Sirens' breath.

—Dartmouth Lit.

NOYES BROTHERS



SHIRTS..

For Business Wear. Negligee for Traveling. For Dress Occasions.

Most thoroughly made, and always in stock for immediate use.

Collars, Gravats and Gloves

constantly on hand, and made to order in the most thorough and elegant manner.

Wedding and Party Outfits.

OUR STANDARD \$1.50 SHIRT we believe to be the best value possible for the price.

BUSINESS AND DRESS SHIRTS, \$2.00, \$2.50, \$3.00. \$3.50, and Upward. All made in our own workrooms.

ENGLISH WATERPROOFS

For Ladies and Gentlemen,

For Storm, for Street, for Traveling.
The latest production, \$7.50 to \$45.00.

English Hold-alls.

Steamer Wraps and Rugs.

Negligee Coats.
Students' Study Coats.
English Dressing Jackets.

Smoking Jackets.

House and Office Coats.

Long Gowns and Wraps.

\$6.50 to \$50.00.

BLANKET WRAPS for Lounging, for the Nursery, for the Sick Room, for the Bath, for Steamer Traveling, for the Railway Carriage, for Yachting. For Men, Women, Children, and the Baby, \$2.75 to \$35.00, with Hood and Girdle complete.

PAJAMAS, or East India Sleeping Shirts, and Long Night Shirts, made from English Flannels, Cotton, and Silk, for Steamer, Sleeping Car, Yachting, or Hunting.

THE NEW CLUB CRAVAT and THE PRINCE'S CRAVAT for Gentlemen, new.

GLOVES, the New Gold Tan, the Famous London Tan at \$1.35, Fowne's New Cavendish Tan, Fowne's Red Tan.

NOYES BROTHERS, Washington and Summer Sts., Boston, U. S. A.

L. E. FLETCHER & CO.,

HATTERS AND MEN'S OUTFITTERS.

HATS

In LEADING and CORRECT STYLES for YOUNG MEN.

Novelties in Neckwear,

Gloves, Hosiery, and Underwear,

Canes, Umbrellas, Etc.

158 BOYLSTON STREET.

Opp. COMMON.

BOSTON.

OUR NEW STORE

For the accommodation of the Tech students is now open in the

Grundmann Studios, adjoining Architectural Building,

where we shall keep at all times a full line of

DRAFTING IMPLEMENTS, Drawing and Blue Process Papers,

Selected with especial reference to the requirements of students of the Institute.

SCALES, TRIANGLES, CURVES, T SQUARES, Etc.

Wadsworth, Howland & Co.,

INCORPORATED

82 and 84 Washington St., Boston.
267 State Street, Chicago.

SPECIAL RATES TO STUDENTS.

FALL OVERCOATS

UNDRESSED
WORSTEDS
\$20.

particularly adapted for Fall Overgarments, and we have made up from this exclusive fabric, which is soft, warm, and at the same time light in weight, GENTLE-MEN'S OVERCOATS in fine twills and diagonals, which carry with them the distinguishing marks of gentility and conservative dressing.

The colors are dark, Oxford mixtures predominating, and the garments have been manufactured by us during the dull season, in our own clean and well-lighted work-rooms, in a manner equal to made to measure.

Gentlemen will find these coats, therefore (which are now ready for selection and to put right on for immediate use), exceedingly desirable in every respect at the price of

\$20.

A.SHUMAN & CO.

Manufacturing Clothiers.

Thuman Corner

BOSTON.

LEADING OUTFITTERS

OF

High Grade Mackintoshes

For the Principal Colleges in New England.

Regular Co-operative Discounts.

METROPOLITAN RUBBER CO.

CLEVE & KRIM

49 Summer Street, Boston.

TECH STUDENTS

are cordially invited to inspect our work, which is the most artistic in the city.

Our place is a model of neatness, and we employ none but thoroughly competent men.

YOUR PATRONAGE IS RESPECTFULLY SOLICITED.

Copley Square Hotel Hair-Dressing Parlor.

Corner of Huntington Avenue and Exeter Street.

NOTMAN

PHOTOGRAPHIC COMPANY,

480 Boylston Street, and 3 Park Street.

•

PHOTOGRAPHERS TO M. I. T., '94.

•

Special Rates to Students.

SPECIAL NOTICE.

TO MY STUDENT TRADE:

I am showing this season a very fine line of English Novelties, and expect to add to my list of customers a large number of the Freshman Class.

C. J. NICKERSON, Tailor and Importer,

120 TREMONT STREET.

Cor. Hamilton Place, Phillips Building, Room 228.

As usual, I shall make a Specialty of Dress Suits.

Formerly Cutter for F. D. Somers.

ARCHITECTURAL PHOTOGRAPHS,

The Largest?Collection in America.

All the best Public Buildings, Churches, Private Houses, and Business Blocks in Boston and New York.
Richardson's Works of Importance from all over New England. Also a complete line of

Art Photographs for Room Decoration.

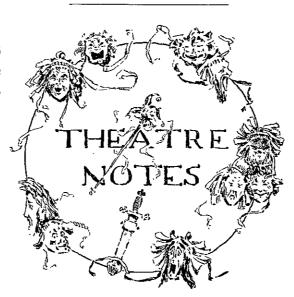
STUDENTS WELCOME TO EXAMINE, WHETHER DESIRING
TO PURCHASE OR NOT.

SOULE PHOTOGRAPH CO., Publishers, 338 Washington Street, Boston.

AT THE THEATRES.—Week beginning December 17th.

COLUMBIA.—Last week of Miss Marie Burroughs in the immediate and unqualified success "The Profligate," by A. W. Pinero, Esq.

PARK.—First presentations in this city of that awfully funny and phenomenally successful laugh producer, Hoyt's newest composition, "A Black Sheep."



Hollis. — Della Fox and her own Comic Opera Company in "The Little Trooper." Miss Fox is said to be at her best in this charming new opera.

Boston.—"In Old Kentucky." Over 175,000 people have seen this great popular success, and all are singing the praises of this wonderful production.

Boston Museum.—Roland Reed, a living political cartoon, as "The Politician." A jolly entertainment, full of bright sayings and timely hits.

Boston Polo Rink.—Corner Shawmut and West Newton Streets. Polo games every Tuesday, Wednesday, and Friday evenings. Admission 25 cents.

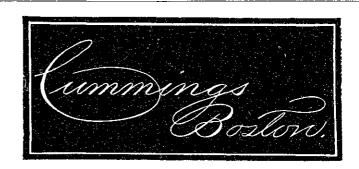
Castle Square.—Last week of "Capt. Paul," the greatest of all romantic plays. This theatre has been crowded nightly since the above play was inaugurated.

COES & STODDER,

14 SCHOOL STREET.



A Discount of 10 per cent given to TECH Students.



Specialty: Dress Suits, Silk Lined, \$45.

F. C. CUMMINGS, Tailor,

No. 299 Washington Street, Boston, Mass.

F. L. DUNNE, TAILOR AND IMPORTER.

A SPECIALTY MADE OF

Suits for Riding, Shooting, and Golf. Breeches for Riding, Hunting, Racing, and Polo.

TRANSCRIPT BUILDING,

328 Washington Street, corner Milk, Boston:

COWLES ART SCHOOL,

145 Dartmouth Street.

Special attention given to Evening Classes for Tech STUDENTS in life and cast drawing.

Address ---

F. M. COWLES, Agent.

Tuition, \$4.00 per Month.

Three Evenings per Week.

Boylston and Clarendon Streets, (Adjoining Copley Square)

Near the Museum of Fine Arts, New Public Library, New Old South Church, and opposite Trinity (Phillips Brooks') Church, and Institute of Technology.

KEPT ON BOTH AMERICAN AND EUROPEAN PLANS.

BARNES & DUNKLEE, Proprietors. H. H. BARNES, Manager.



Tremont Street Foreign Book Store, DEANE STERJII

149-A TREMONT STREET, BOSTON.

LARGE STOCK OF FOREIGN AND AMERICAN BOOKS IN THE ANCIENT AND MODERN LANGUAGES.

Scientific Works in all Departments. Regular Importations from the book centers of Europe. Lowest Rates to Technology Students.

KOEHLER, NEUMANN & CO.

Foreign Booksellers and Importers.

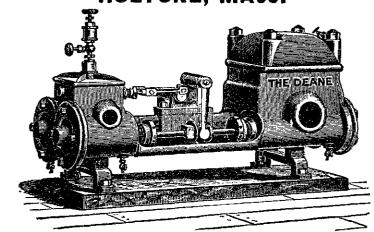
TEXT-BOOKS, DRAWING MATERIALS, CORRESPONDENCE PAPERS. STUDENTS' SUPPLIES.

C. E. RIDLER,

BOYLSTON AND BERKELEY STREETS, BOSTON.

The M. I. T. Supply Store.

HOLYOKE, MASS.



·STEAM·PUMPS·

Boston Office: 54 Oliver Street.



The Richmond Straight Gut No. 1 Gigarettes.

Cigarette Smokers who are willing to pay a little more than the price charged for the ordinary trade cigarettes, will find this brand superior to all others.

Cigarettes are made from the brightest, most delicately flavored, and highest cost Gold Leaf grown in Virginia. This is the Old and Original Brand of

Cut Cigarettes, and was brought out by us in the year 1875.

Beware of imitations, and observe that the firm name as below is on every package.

ALLEN & GINTER.

AMERICAN SUCCESSOR.

Manufacturer,

RICHMOND, VIRGINIA.

KEEP'S SHIRTS

Our Celebrated "K" Quality Stock Shirts, open back or open front, or both, and with different sleeve lengths.

> 85 cents each Unlaundered. \$1 each Laundered. Keep's \$1 Street Gloves are Famous.

KEEP MANFG. CO., 114 Tremont Street, Boston.

SCIPLIFIC BOOKS The Old Corner Bookstore,

DAMRELL & UPHAM,

ALBERT BENARI, Tobacconist,

33 TREMONT STREET,

BOSTON, MASS.

Cigarettes, Tobacco, and Smokers' Articles. Agent for Hale's Smoking Mixture.

GEORGE H. GREENWOOD,

9 AND II BOYLSTON STREET,

Offers the largest stock of ...

English and French Briar Pipes

Ever shown in Boston, at very low prices.

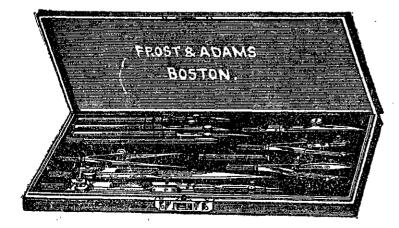
CRAND HOTEL Hair Dressing Parlors,

417 COLUMBUS AVENUE.

Hair Cutting in all the Latest Styles. Students' Work a Specialty.

T. F. NAGELS, Manager,

Formerly of Palmer House 3hop, Chicago.



A BOOK OF ALPHABETS...

Prang's latest, the most complete book of its kind published - former price, \$5.00; for the next thirty days, \$2.50.

FROST & ADAMS,

importers of Mathematical Instruments, Artists' Materials and Picture Frames,

37 Cornhill, Boston, Mass.

Send for Illustrated Catalogue.

LIBERAL DISCOUNT TO M. I, T. STUDENTS.

GO WEST.
Cut Rates.
FOGG.
277 Washington Street, Boston.
Mileage—all routes.



Preparation for the

Established in 1828.

Massachusetts Institute of Technology.

THIS HAS LONG BEEN A SPECIALTY AT

CHAUNCY HALL SCHOOL.

REFERENCE is made to the INSTITUTE FACULTY in regard to the thoroughness with which Chauncy-Hall pupils are fitted, not only for entering the Institute, but also for pursuing successfully their subsequent work. Preparation, also, for business and for college.

No. 593 Boylston Street, Boston.
(Very near the Institute.)

THE

Elmer Chickering

Leading Photographer

CERTAINLY has attained success. His success is proven by the number of patrons who daily visit the studio and take away with them the evidences of his skill and artistic ability. Before going elsewhere call at

21 WEST STREET.

BOSTON.

A. McMILLAN.

A. McMILLAN, Jr.

A. McMILLAN & SON,

Tailors and Importers,

288 BOYLSTON STREET (Opposite Public Garden), BOSTON.

TECH men are specially invited to examine our line of Scotch novelties in Suitings, which have been imported directly by us.

Our stock in other lines is very complete.

TELEPHONE, TREMONT 1017